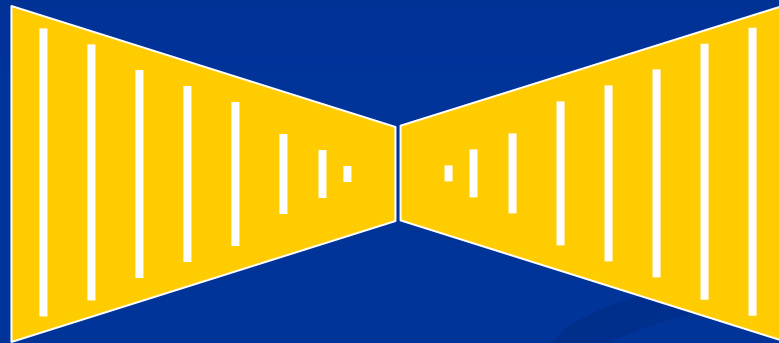


# DG 1145 – Section C.I.10

## Steam and Power Conversion System



17 May 2006  
M. Kendra Klump, New Reactor Licensing  
U.S. Nuclear Regulatory Commission

# Overview

- Section outline.
- Section references.
- Response to early public feedback.
- “To Do List.”

# Section 10 Outline

1. Summary Description.
2. Turbine Generator.
3. Main Steam Supply System.
4. Other features (i.e., condensers, circulating water, condensate and feedwater systems).

**ML060870218**

# References

- 10 CFR Part 50.
- Regulatory Guides.
- NUREGs.
- Generic Letters.
- Industry Codes and Standards.

# Early Public Feedback

- Submittal of pre-service and inservice inspection procedures and acceptance criteria (sections 10.2.3.3 and 10.2.3.5).
- General Design Criteria for section 10.4.
- Design-specific ‘To Do Lists.’

# “ To Do List ”

If a COL application references a certified design,\* which areas remain to be reviewed by the NRC staff?

*\* assume no deviation from the certified design*

# Steam and Power Conversion

- Chemistry control.
- Erosion-corrosion monitoring.
- Turbine maintenance and inspection (pre-service and inservice inspection).
- Site-specific configuration of the circulating water system, cooling tower, or other site-specific heat sink.

# Questions..?

Contact: M. Kendra Klump  
mkk1@nrc.gov  
tel. 301.415.1446